

**Road Weather Management Program
Best Practices for Road Weather Management**

PUBLICATIONS LIST

TITLE:

DEVELOPMENT OF ROAD SURFACE CONDITION SENSOR
USING OPTICAL TEMPERATURE SENSOR AND WEATHER
SENSOR

ABSTRACT:

System is comprised of optical fiber embedded in the road and a temperature distribution measurement apparatus to measure longitudinal temperature distribution, ESS, and a judgement apparatus that classifies road conditions into five categories based on the various measurement data.

SOURCE(S):

8th World Congress on ITS, Ministry of Land Infrastructure and Transport, Japan

Keyword(s):

Pavement condition, Thermal mapping